

EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

OCTOBER, 1986

Virginia Employment Commission
Economic Information Services Division
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EMPLOYMENT, HOURS AND EARNINGS
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SEASONAL FACTORS CAUSE CONTRASTING TRENDS

TOTAL NONAGRICULTURAL EMPLOYMENT REGAINED ITS UPWARD MOMENTUM DURING SEPTEMBER WITH A RISE IN EMPLOYMENT OF 26,000 EMPLOYEES--2,562,500 REPORTED ON PAYROLLS STATEWIDE. Most of the trend was seasonal due to the reopening of educational facilities. The significant gain in this area offset the general downturn in most other segments of industry. A total of 83,200 has been added to this category since September 1985.

NONMANUFACTURING EMPLOYMENT ROSE 23,900 OVER THE MONTH TO REACH A LEVEL OF 2,131,100 WORKERS. Employment over the year has increased by 78,100. All of the gains were centered in the government division as workers, students, and nonteaching personnel returned from summer break. During September 1986, 31,200 people were added and an increase of 6,500 was noted over September 1985. A slight decline in federal government was hidden by the increases.

ACTIVITY IN THE MINING SECTOR CONTINUED ITS SLOW DOWNWARD SLIDE. Another 200 persons were dropped in this area, leaving a total of 16,700 on the job. For the first time since February, construction employment declined. The seasonal trend reflected a loss of 3,000 helpers but over the year 11,300 persons have been added to this industry.

WHOLESALE AND RETAIL TRADE ALSO REPORTED REDUCED EMPLOYMENT FOR SEPTEMBER. A seasonal drop in eating and drinking places combined with smaller decreases in furniture and home furnishings; and automotive dealers and service stations to cause an overall loss of 1,000 employees in this division. Several gains in different sectors offset a portion of the decline.

FINANCE, INSURANCE, AND REAL ESTATE WAS ALSO IN THE NEGATIVE COLUMN THIS MONTH. Most of the slide can be attributed to seasonal factors in the real estate segment; however, several other areas did edge downward. A total of 2,100 employees were shaved in this category. Since September 1985, this division has enlarged its payrolls with 7,000 new jobs. Services employment began entering its usual withdrawal period. Sizeable reductions in amusement and recreation services and personal services combined with smaller cutbacks in several other areas to offset a significant increase in educational services. Overall, this division dropped 200 workers to reach a level of 573,000 people. Transportation and public utilities declined slightly over the month with a loss of 700 employees, leaving a total of 134,900 people working in this area.

MANUFACTURING EMPLOYMENT WAS A BRIGHT SPOT DURING SEPTEMBER. It rose by 2,200 people to reach a level of 431,500 during the month. Seasonal augmentation among fruit and vegetable processors, as well as stemming and redrying plants, was responsible for the upward movement. Setbacks caused by plant closings and reductions in force were hidden by the rise.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-1.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	2,562.5	2,536.5	2,479.3	26.0	83.2
MANUFACTURING	431.5	429.3	426.3	2.2	5.2
DURABLE GOODS	205.3	205.6	202.3	- .3	3.0
LUMBER AND WOOD PRODUCTS	24.6	24.8	23.0	- .2	1.6
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	8.0	8.0	7.0	0	1.0
WOOD CONTAINERS	1.6	1.7	1.6	- .1	0
FURNITURE AND FIXTURES	24.3	24.2	24.2	- .1	1
HOUSEHOLD AND OFFICE FURNITURE	23.0	22.9	23.1	- .1	1
STONE, CLAY & GLASS PRODUCTS	16.0	16.1	15.0	- .1	1.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	7.6	7.5	7.1	- .1	5
PRIMARY METAL INDUSTRIES	10.7	10.6	11.1	- .1	4
FABRICATED METAL PRODUCTS	18.6	18.7	19.1	- .1	5
FABRICATED STRUCTURAL METAL PRODUCTS	11.4	11.5	11.7	- .1	3
MACHINERY EXCEPT ELECTRICAL	16.0	15.9	15.6	- .1	4
CONSTRUCTION AND RELATED MACHINERY	4.4	4.4	4.2	0	2
SPECIAL INDUSTRY MACHINERY	1.7	1.6	1.6	- .1	1
ELECTRIC & ELECTRONIC EQUIPMENT	42.6	42.8	42.9	- .2	3
COMMUNICATION EQUIPMENT	18.5	18.6	17.6	- .1	9
TRANSPORTATION EQUIPMENT	45.1	45.0	44.5	- .1	6
INSTRUMENTS & RELATED PRODUCTS	3.7	3.8	3.8	- .1	1
MISC. MANUFACTURING INDUSTRIES	3.5	3.5	3.2	0	3
NONDURABLE GOODS	226.2	223.8	224.0	2.4	2.2
FOOD & KINDRED PRODUCTS	40.0	38.7	39.2	1.3	8
MEAT PRODUCTS	13.6	13.6	13.0	0	6
DAIRY PRODUCTS	2.3	2.3	2.4	0	1
BEVERAGES	5.6	5.7	5.5	- .1	1
TOBACCO MANUFACTURES	15.4	14.5	16.3	9	9
TEXTILE MILL PRODUCTS	44.7	44.3	42.7	4	2.0
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	14.8	14.5	14.9	3	1
NARROW FABRIC MILLS	1.3	1.3	1.2	0	1
KNITTING MILLS	20.7	20.6	18.2	1	2.5
TEXTILE FINISHING EXCEPT WOOL	3.1	3.0	3.4	- .1	3
MISC. TEXTILE GOODS	1.4	1.4	1.5	0	1
APPAREL & OTHER TEXTILE PRODUCTS	29.7	29.6	30.5	- .1	8
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.2	10.2	10.4	0	2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.0	15.9	16.1	- .1	1
PAPER & ALLIED PRODUCTS	16.0	15.9	16.0	- .1	0
PULP, PAPER & PAPERBOARD	8.3	8.3	8.3	0	0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.3	7.2	7.3	1	0
PAPERBOARD CONTAINERS AND BOXES	3.9	3.9	3.9	0	0
PRINTING AND PUBLISHING	30.4	30.5	29.6	- .1	8
NEWSPAPER AND PERIODICALS	12.9	12.8	11.8	- .1	1.1
COMMERCIAL PRINTING	11.4	11.5	11.8	- .1	4
CHEMICALS & ALLIED PRODUCTS	31.1	31.1	31.1	0	0
PLASTICS MATERIALS AND SYNTHETICS	17.5	17.7	17.4	- .2	1
MISC. CHEMICAL PRODUCTS	5.3	5.3	5.2	0	1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	16.3	16.5	15.6	- .2	7
MISC. PLASTICS PRODUCTS	9.8	10.0	9.2	- .2	6
LEATHER & LEATHER PRODUCTS	2.4	2.6	2.9	- .2	5

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

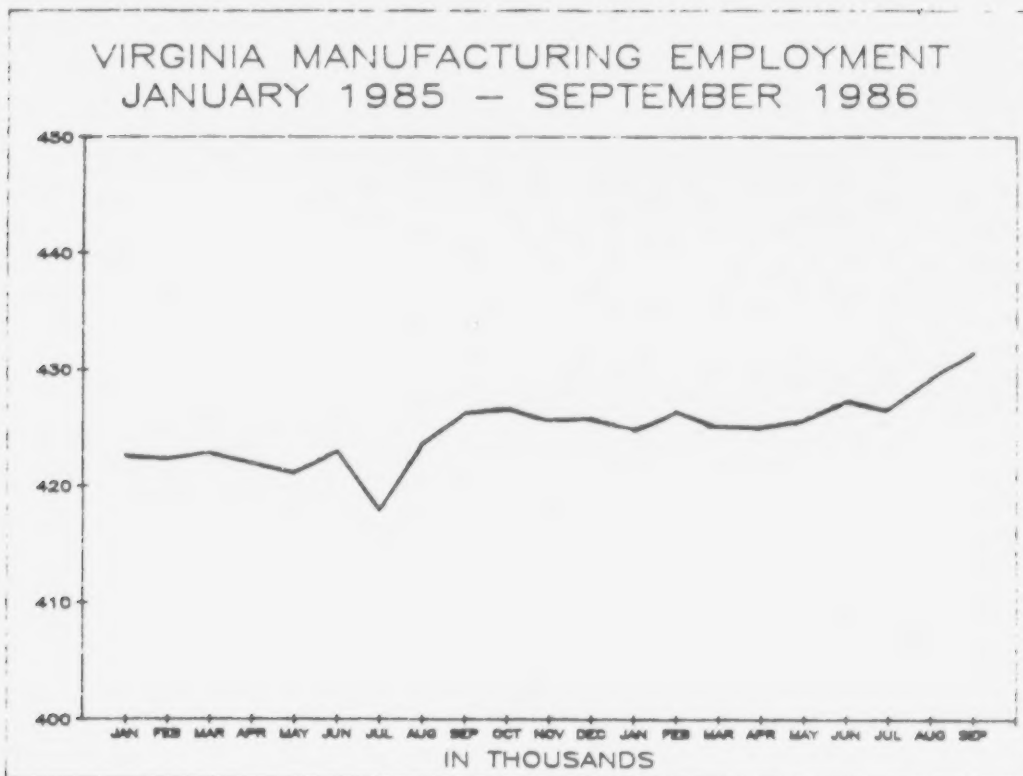
(Continued from page 2)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
NONMANUFACTURING	2,131.1	2,107.2	2,053.0	23.9	78.1
MINING	16.7	16.9	17.4	- 2	- 7
BITUMINOUS COAL AND LIGNITE MINING	14.1	14.3	14.7	- 2	- 6
CONSTRUCTION	170.7	173.7	159.4	- 3.0	11.3
TRANSPORTATION & PUBLIC UTILITIES	134.9	135.6	133.1	- 7	1.8
RAILROAD TRANSPORTATION	11.6	11.6	12.1	0	- 5
TRUCKING & WAREHOUSING	31.5	31.7	31.3	- 2	2
TRANSPORTATION BY AIR	18.4	18.5	17.1	- 1	1.3
COMMUNICATION	37.9	37.9	38.1	0	- 2
ELECTRIC, GAS & SANITARY SERVICES	20.8	21.2	19.7	- 4	1.1
WHOLESALE & RETAIL TRADE	577.6	578.6	549.3	- 1.0	28.3
WHOLESALE TRADE	123.1	123.1	119.0	0	4.1
WHOLESALE TRADE - DURABLE GOODS	77.8	78.0	75.9	- 2	1.9
WHOLESALE TRADE - NONDURABLE GOODS	45.3	45.1	43.1	2	2.2
RETAIL TRADE	454.5	455.5	430.3	- 1.0	24.2
GENERAL MERCHANDISE STORES	61.1	60.7	58.9	4	2.2
DEPARTMENT STORES	48.2	48.0	46.5	2	1.7
VARIETY STORES	11.2	11.1	10.8	1	4
FOOD STORES	71.6	71.1	68.1	5	3.5
AUTOMOTIVE DEALERS AND SERVICE STATIONS	53.6	53.7	51.9	- 1	1.7
APPAREL & ACCESSORY STORES	22.9	22.8	23.2	1	3
FURNITURE AND HOME FURNISHING STORES	25.0	25.1	24.1	- 1	9
EATING & DRINKING PLACES	144.9	146.9	131.8	- 2.0	13.1
MISCELLANEOUS RETAIL	57.9	57.9	55.8	0	2.1
FINANCE, INSURANCE AND REAL ESTATE	131.7	133.8	124.7	- 2.1	7.0
BANKING	34.3	34.5	33.5	- 2	8
CREDIT AGENCIES OTHER THAN BANKS	21.4	21.7	18.1	- 3	3.3
SECURITY, COMMODITY BROKERS & SERVICES	3.6	3.6	3.5	0	1
INSURANCE CARRIERS	23.2	23.6	22.5	- 4	1.1
REAL ESTATE	33.5	34.8	32.3	- 1.3	2.2
SERVICES	573.0	573.2	549.1	- 2	23.9
HOTELS AND OTHER LODGING PLACES	41.9	43.5	40.0	- 1.6	1.9
PERSONAL SERVICES	30.9	30.4	29.1	5	1.8
BUSINESS SERVICES	150.2	149.0	143.1	1.2	5.9
AUTO REPAIR SERVICES & GARAGES	16.1	16.7	15.7	- 6	2
MISC. REPAIR SERVICES	7.2	7.4	7.0	- 2	0.2
MOTION PICTURES	3.1	3.2	3.1	- 1	0
AMUSEMENT AND RECREATION SERVICES	18.7	21.0	17.2	- 2.3	3.5
HEALTH SERVICES	132.2	132.4	127.0	- 2	5.2
HOSPITALS	68.3	68.1	65.0	2	3.3
EDUCATIONAL SERVICES	26.9	22.3	28.4	4.6	1.5
GOVERNMENT	526.6	495.4	522.1	31.2	4.5
FEDERAL GOVERNMENT	168.5	169.0	164.7	- 5	3.8
STATE & LOCAL GOVERNMENT	358.1	326.4	357.4	31.7	6.7
STATE GOVERNMENT	125.0	113.1	123.8	11.9	1.1
LOCAL GOVERNMENT	233.0	213.3	233.6	19.7	5.6

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1985 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

SEASONAL FACTORS CAUSE CONTRASTING TRENDS
(Continued from page 1)



THE 326,400 WORKERS ON FACTORY PAYROLLS RECEIVED AN AVERAGE WEEKLY EARNING OF \$363.94 IN SEPTEMBER 1986. This was an increase of \$6.56 from August 1986 and a gain of \$17.71 over the year. Average weekly hours increased to 40.8 during the month. The over-the-month increase was six-tenths of an hour. Average weekly hours were also four-tenths of an hour longer than in September 1985. A gain of \$.03 over the month put average hourly earnings at \$8.92. This was \$.35 more than the \$8.57 earned in September 1985.

* * * * *

THE CONSUMER PRICE INDEX - SEPTEMBER 1986

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) INCREASED 0.5 PERCENT IN SEPTEMBER 1986 TO A LEVEL OF 330.2 (1967 = 100). For the 12-month period ending in September, the CPI-U increased 1.8 percent. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 0.5 percent in September. The September 1986 CPI-W level of 324.9 (1967 = 100) was 1.4 percent higher than the September 1985 index. The CPI for October 1986 will be released November 25, 1986, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA
EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1976-1985
JANUARY 1982 TO DATE
(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services	Government 1/
Annual Average									
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,830.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	367.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,206.9	403.6	17.4	113.9	120.4	480.2	110.1	460.4	500.9
1984	2,333.3	421.3	18.3	132.8	127.2	516.5	117.1	495.1	505.0
1985	2,447.1	423.3	17.3	151.3	131.8	545.2	122.9	537.6	517.6
1982:									
January	2,104.1	400.8	24.1	93.4	117.0	452.0	104.4	413.5	499.0
February	2,104.3	400.8	23.8	94.1	116.8	447.1	104.5	416.7	500.5
March	2,115.1	398.1	24.0	96.8	116.7	447.2	104.7	422.2	505.4
April	2,149.2	397.4	24.6	102.9	118.8	456.1	106.1	432.8	510.6
May	2,160.4	396.3	24.0	107.0	119.8	460.6	106.9	435.1	510.7
June	2,180.2	397.6	22.5	108.3	120.7	463.6	108.6	444.6	514.3
July	2,152.9	395.6	21.9	109.8	119.8	466.0	108.9	448.7	484.3
August	2,183.9	396.0	21.6	109.1	120.5	467.4	108.8	446.8	483.8
September	2,169.2	398.1	21.3	108.1	120.0	467.7	108.0	445.4	490.6
October	2,156.1	396.2	20.5	106.7	119.8	467.8	106.9	440.0	496.2
November	2,160.4	395.0	19.6	106.1	119.2	472.8	107.3	437.2	503.3
December	2,161.2	392.9	17.8	103.5	119.2	380.9	107.5	436.9	502.4
1983:									
January	2,121.8	388.5	20.3	97.2	117.8	459.7	105.8	437.8	498.1
February	2,115.9	388.8	16.5	95.8	116.6	450.1	106.0	438.8	503.4
March	2,139.6	391.6	16.6	96.6	118.2	455.8	106.5	446.4	504.9
April	2,173.0	396.4	17.0	106.6	119.7	466.5	108.1	454.7	504.0
May	2,200.7	399.3	17.2	111.8	120.7	473.7	109.2	459.6	509.2
June	2,240.5	404.9	17.6	117.6	122.4	479.5	112.0	469.3	517.4
July	2,237.8	407.6	17.7	122.3	123.0	490.8	113.5	475.5	487.3
August	2,226.2	408.3	17.9	124.2	122.7	492.4	113.7	476.0	480.9
September	2,259.9	413.5	18.1	124.4	123.5	494.9	112.5	477.5	495.6
October	2,248.9	414.7	18.0	123.6	123.2	494.0	111.1	464.7	499.7
November	2,255.6	415.6	17.9	123.0	122.7	488.5	110.7	461.8	505.3
December	2,263.1	414.6	17.9	120.6	124.4	506.9	111.5	462.6	504.7
1984:									
January	2,232.0	411.8	17.9	114.1	122.6	491.5	113.3	464.9	501.9
February	2,243.9	413.7	17.8	114.6	123.2	487.0	113.4	469.1	505.1
March	2,268.3	416.2	18.1	118.3	123.8	494.4	114.5	477.2	505.7
April	2,289.5	416.7	18.5	124.7	125.1	499.2	114.9	482.9	507.6
May	2,320.3	418.2	18.8	130.7	126.5	507.6	116.4	485.7	512.6
June	2,356.1	422.7	19.4	137.3	128.4	512.9	118.6	501.8	514.8
July	2,337.5	420.9	19.7	142.7	128.9	523.5	119.7	507.7	474.4
August	2,355.4	425.6	19.4	144.1	129.3	525.6	120.0	509.9	481.6
September	2,383.3	427.2	19.2	143.2	128.8	526.1	118.8	510.1	509.8
October	2,391.6	427.9	17.5	142.8	129.9	534.3	118.1	509.3	511.6
November	2,401.8	427.2	16.4	141.6	129.3	543.3	118.6	508.5	516.9
December	2,413.7	426.9	16.6	139.9	130.2	552.3	119.2	510.4	518.2
1985:									
January	2,262.8	422.6	17.0	132.5	129.2	522.3	118.1	506.8	514.4
February	2,261.8	422.3	17.1	130.9	128.1	517.4	118.4	511.3	516.3
March	2,262.6	422.9	17.2	139.8	128.8	525.1	119.5	520.7	518.9
April	2,418.2	421.9	17.1	146.7	129.9	530.5	120.5	530.4	521.0
May	2,449.7	421.1	17.4	152.9	131.8	541.8	122.2	537.9	524.6
June	2,481.2	423.1	17.6	158.0	133.3	548.2	124.6	547.5	529.0
July	2,442.1	417.9	17.6	161.2	133.7	549.2	126.3	548.9	488.3
August	2,446.9	423.6	17.3	161.4	133.5	547.6	126.5	549.7	487.3
September	2,479.3	426.3	17.4	159.4	133.1	549.3	124.7	549.1	520.1
October	2,479.3	426.3	17.3	159.4	133.1	560.6	124.2	550.3	526.8
November	2,498.7	426.8	17.2	157.0	132.9	569.5	124.7	548.7	531.6
December	2,507.3	425.6	17.1	156.7	134.0	580.7	124.7	550.3	533.3
1986:									
January	2,484.8	424.8	16.8	152.8	132.6	557.8	123.3	545.3	531.3
February	2,472.8	426.4	16.6	149.3	132.3	550.3	123.8	546.8	533.2
March	2,496.4	425.1	16.9	154.9	132.7	553.2	125.3	554.7	533.6
April	2,517.8	425.1	17.0	161.5	133.6	559.9	126.8	561.1	532.8
May	2,541.4	425.8	17.1	165.0	134.6	568.7	128.8	566.1	535.3
June	2,569.3	427.5	17.3	169.0	130.0	575.2	131.3	572.5	536.5
July	2,534.2	426.6	17.1	172.6	135.3	577.9	132.8	573.2	498.6
August	2,536.5	429.3	16.9	173.7	135.6	578.6	133.8	573.2	495.4
September	2,562.5	431.5	16.7	170.7	134.9	577.6	131.7	573.0	526.6

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

Table A-3.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA					
INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	1,143.9	1,123.1	1,099.6	20.8	44.3
MANUFACTURING	151.1	150.0	150.3	1.1	8
DURABLE GOODS	52.2	52.6	52.3	-	1
LUMBER AND WOOD PRODUCTS	4.6	4.7	4.6	-	0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	2.3	2.4	2.2	-	1
WOOD CONTAINERS	0.2	0.2	0.3	0	1
FURNITURE AND FIXTURES	8.7	8.7	8.7	0	0
HOUSEHOLD AND OFFICE FURNITURE	8.4	8.4	8.4	0	0
STONE, CLAY & GLASS PRODUCTS	2.3	2.4	2.1	-	2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.6	0.6	0.6	0	0
PRIMARY METAL INDUSTRIES	2.2	2.1	2.2	1	0
FABRICATED METAL PRODUCTS	3.4	3.5	3.4	-	0
FABRICATED STRUCTURAL METAL PRODUCTS	1.3	1.4	1.4	-	1
MACHINERY EXCEPT ELECTRICAL	2.8	2.9	2.9	-	1
CONSTRUCTION AND RELATED MACHINERY	0.6	0.6	0.6	0	0
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	0	0
ELECTRIC & ELECTRONIC EQUIPMENT	18.0	18.1	18.7	-	7
COMMUNICATION EQUIPMENT	8.4	8.4	8.2	0	2
TRANSPORTATION EQUIPMENT	6.8	6.7	6.4	-	4
INSTRUMENTS & RELATED PRODUCTS	2.0	2.0	2.0	0	0
MISC. MANUFACTURING INDUSTRIES	1.4	1.4	1.3	0	1
NONDURABLE GOODS	98.9	97.4	98.1	1.5	8
FOOD & KINDRED PRODUCTS	13.4	12.7	13.7	7	3
MEAT PRODUCTS	5.5	5.5	5.4	0	1
DAIRY PRODUCTS	0.4	0.5	0.5	-	1
BEVERAGES	0.8	0.8	0.7	0	1
TOBACCO MANUFACTURES	5.0	4.4	5.7	6	7
TEXTILE MILL PRODUCTS	26.0	25.8	24.8	2	2
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	6.7	6.6	6.6	1	1
NARROW FABRIC MILLS	0.7	0.7	0.6	0	1
KNITTING MILLS	15.2	15.1	13.9	1	13
TEXTILE FINISHING EXCEPT WOOL	1.2	1.2	1.3	0	1
MISC. TEXTILE GOODS	0.5	0.5	0.5	0	0
APPAREL & OTHER TEXTILE PRODUCTS	26.4	26.3	26.7	1	3
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.1	9.1	9.1	0	0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.9	14.9	15.1	0	2
PAPER & ALLIED PRODUCTS	3.1	3.0	3.1	1	0
PULP, PAPER & PAPERBOARD	1.0	1.0	1.0	0	0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS,	2.1	2.0	2.1	1	0
CONTAINERS AND BOXES	0.8	0.8	0.8	0	0
PAPERBOARD CONTAINERS AND BOXES	10.9	10.9	10.3	0	6
PRINTING AND PUBLISHING	5.3	5.3	4.7	0	6
NEWSPAPER AND PERIODICALS	2.6	2.6	2.7	0	1
COMMERCIAL PRINTING	8.6	8.6	8.5	0	1
CHEMICALS & ALLIED PRODUCTS	4.6	4.7	4.5	-	1
PLASTICS MATERIALS AND SYNTHETICS	1.2	1.2	1.1	0	1
MISC. CHEMICAL PRODUCTS	3.7	3.8	3.3	-	4
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	2.9	2.9	2.5	0	4
MISC. PLASTICS PRODUCTS	1.8	1.9	2.2	-	4
LEATHER & LEATHER PRODUCTS					

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 6)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
NONMANUFACTURING	992.8	973.1	949.3	19.7	43.5
MINING	0.9	0.9	0.9	0	0
BITUMINOUS COAL AND LIGNITE MINING	0.6	0.6	0.6	0	0
CONSTRUCTION	13.2	13.5	12.2	3	1.0
TRANSPORTATION & PUBLIC UTILITIES	41.6	41.8	40.6	2	1.0
RAILROAD TRANSPORTATION	1.5	1.5	1.6	0	1
TRUCKING & WAREHOUSING	3.8	3.8	3.7	0	1
TRANSPORTATION BY AIR	7.4	7.5	6.9	1	6
COMMUNICATION	19.1	19.2	18.8	1	3
ELECTRIC, GAS & SANITARY SERVICES	4.7	4.8	4.5	1	2
WHOLESALE & RETAIL TRADE	260.2	260.9	244.7	7	15.5
WHOLESALE TRADE	32.0	32.0	30.8	0	1.2
WHOLESALE TRADE - DURABLE GOODS	19.2	19.3	18.7	1	5
WHOLESALE TRADE - NONDURABLE GOODS	12.7	12.7	12.1	0	6
RETAIL TRADE	228.3	228.9	214.0	6	14.3
GENERAL MERCHANDISE STORES	41.9	41.8	40.2	1	1.7
DEPARTMENT STORES	32.6	32.6	31.4	0	1.2
VARIETY STORES	8.1	8.0	7.7	1	4
FOOD STORES	30.5	30.3	28.8	2	1.7
AUTOMOTIVE DEALERS AND SERVICE STATIONS	12.4	12.4	11.7	0	7
APPAREL & ACCESSORY STORES	16.2	16.1	16.1	1	1
FURNITURE AND HOME FURNISHING STORES	9.0	8.9	8.4	1	6
EATING & DRINKING PLACES	81.3	82.4	73.7	1	7.6
MISCELLANEOUS RETAIL	33.2	33.2	31.5	0	1.7
FINANCE, INSURANCE AND REAL ESTATE	80.1	81.0	74.1	9	6.0
BANKING	25.6	25.8	25.0	2	6
CREDIT AGENCIES OTHER THAN BANKS	16.2	16.4	13.4	2	2.8
SECURITY, COMMODITY BROKERS & SERVICES	1.8	1.8	1.6	0	2
INSURANCE CARRIERS	14.6	14.8	13.9	2	7
REAL ESTATE	13.5	14.0	12.1	5	8
SERVICES	323.3	322.5	308.8	8	14.5
HOTELS AND OTHER LODGING PLACES	24.1	25.0	23.2	9	9
PERSONAL SERVICES	21.5	21.2	19.9	3	1.6
BUSINESS SERVICES	62.3	61.8	59.4	5	2.9
AUTO REPAIR SERVICES & GARAGES	3.3	3.4	3.2	1	1
MISC. REPAIR SERVICES	2.1	2.1	1.9	0	2
MOTION PICTURES	1.4	1.5	1.5	1	1
AMUSEMENT AND RECREATION SERVICES	7.7	8.6	6.8	9	9
HEALTH SERVICES	109.3	109.4	104.3	1	5.0
HOSPITALS	57.0	56.8	53.7	2	3.3
EDUCATIONAL SERVICES	15.9	12.9	16.8	3.0	9
GOVERNMENT	273.4	252.5	268.0	20.9	5.4
FEDERAL GOVERNMENT	69.0	69.2	68.1	2	9
STATE & LOCAL GOVERNMENT	204.4	183.3	199.9	21.1	4.5
STATE GOVERNMENT	61.5	55.8	61.4	5.7	1
LOCAL GOVERNMENT	142.9	127.5	138.5	15.4	4.4

See footnote Table A-1.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A-4.

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
MANUFACTURING	326.4	323.7	321.3	2.7	5.1
DURABLE GOODS	153.3	153.3	149.9	0	3.4
LUMBER AND WOOD PRODUCTS	21.3	21.5	19.8	-	1.5
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	6.6	6.7	5.8	-	8
WOOD CONTAINERS	1.5	1.5	1.5	0	0
FURNITURE AND FIXTURES	20.6	20.5	20.8	1	-
HOUSEHOLD AND OFFICE FURNITURE	19.8	19.7	20.0	1	-
STONE, CLAY & GLASS PRODUCTS	13.3	13.5	12.3	-	1.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.2	6.1	5.6	1	6
PRIMARY METAL INDUSTRIES	6.9	6.6	6.5	3	4
FABRICATED METAL PRODUCTS	13.5	13.6	13.9	-	4
FABRICATED STRUCTURAL METAL PRODUCTS	7.8	7.9	8.0	-	2
MACHINERY EXCEPT ELECTRICAL	11.0	10.8	10.6	2	4
CONSTRUCTION AND RELATED MACHINERY	2.6	2.6	2.5	0	1
SPECIAL INDUSTRY MACHINERY	0.8	0.8	0.8	0	0
ELECTRIC & ELECTRONIC EQUIPMENT	22.8	22.9	23.0	-	2
COMMUNICATION EQUIPMENT	10.0	10.0	9.7	0	3
TRANSPORTATION EQUIPMENT	38.5	38.3	37.7	2	8
INSTRUMENTS & RELATED PRODUCTS	2.5	2.6	2.6	-	1
MISC. MANUFACTURING INDUSTRIES	2.9	2.9	2.8	0	1
NONDURABLE GOODS	173.1	170.4	171.3	2.7	1.8
FOOD & KINDRED PRODUCTS	29.1	27.8	29.0	1.3	1
MEAT PRODUCTS	11.7	11.7	11.4	0	3
DAIRY PRODUCTS	1.3	1.3	1.4	0	-
BEVERAGES	2.2	2.2	2.2	0	0
TOBACCO MANUFACTURES	9.5	8.6	10.2	9	7
TEXTILE MILL PRODUCTS	40.6	40.1	38.1	5	2.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	13.2	12.9	13.1	3	1
NARROW FABRIC MILLS	1.1	1.1	0.9	0	2
KNITTING MILLS	19.2	19.0	16.5	2	2.7
TEXTILE FINISHING EXCEPT WOOL	2.7	2.7	3.0	0	3
MISC. TEXTILE GOODS	1.2	1.2	1.2	0	0
APPAREL & OTHER TEXTILE PRODUCTS	26.8	26.7	27.3	1	5
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.3	9.3	9.5	0	2
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	14.5	14.4	14.5	1	0
PAPER & ALLIED PRODUCTS	12.2	12.1	12.0	1	2
PULP, PAPER & PAPERBOARD	5.6	5.6	5.4	0	2
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.3	6.2	6.2	1	1
PAPERBOARD CONTAINERS AND BOXES	3.2	3.3	3.3	-	1
PRINTING AND PUBLISHING	17.3	17.4	17.4	-	1
NEWSPAPER AND PERIODICALS	4.0	4.1	3.8	-	2
COMMERCIAL PRINTING	9.1	9.2	9.4	-	3
CHEMICALS & ALLIED PRODUCTS	22.6	22.5	22.7	-	1
PLASTICS MATERIALS AND SYNTHETICS	13.5	13.6	13.3	-	2
MISC. CHEMICAL PRODUCTS	3.5	3.5	3.3	0	2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	12.8	12.9	12.0	-	8
MISC. PLASTICS PRODUCTS	7.7	7.8	7.1	-	6
LEATHER & LEATHER PRODUCTS	2.2	2.3	2.6	-	4

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.
BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	30.1	29.9	29.3	2	8
MANUFACTURING	9.6	9.6	9.3	0	3
DURABLE GOODS	4.8	4.7	4.8	1	0
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.1	0.1	0.2	0	1
STONE, CLAY & GLASS PRODUCTS	0.4	0.4	0.4	0	0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	1.9	1.9	2.0	0	1
FABRICATED METAL PRODUCTS	1.5	1.5	1.6	0	1
MACHINERY & TRANSPORTATION EQUIPMENT	2.4	2.3	2.1	1	3
OTHER DURABLE GOODS	0.1	0.1	0.1	0	0
NONDURABLE GOODS	4.8	4.9	4.5	1	3
FOOD & KINDRED PRODUCTS	1.6	1.6	1.7	0	1
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	0	0
APPAREL & OTHER TEXTILE PRODUCTS	2.1	2.1	1.7	0	4
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.5	0	0
OTHER NONDURABLE GOODS	0.6	0.6	0.5	0	1
NONMANUFACTURING	20.5	20.3	20.0	2	5
MINING	0.0	0.0	0.1	0	1
CONSTRUCTION	1.7	1.7	1.5	0	2
TRANSPORTATION & PUBLIC UTILITIES	1.1	1.1	1.1	0	0
WHOLESALE & RETAIL TRADE	7.5	7.6	7.3	1	2
WHOLESALE TRADE	1.5	1.5	1.4	0	1
RETAIL TRADE	6.0	6.2	5.9	2	1
FINANCE, INSURANCE AND REAL ESTATE	1.0	1.0	0.9	0	1
SERVICES	4.2	4.1	4.0	1	2
GOVERNMENT	5.0	4.7	5.0	3	0
FEDERAL GOVERNMENT	0.4	0.4	0.4	0	0
STATE & LOCAL GOVERNMENT	4.6	4.3	4.7	3	1

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-6.
LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	72.4	71.2	71.7	1.2	7
MANUFACTURING	24.3	24.2	24.9	1	6
DURABLE GOODS	15.6	15.6	15.9	0	3
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.1	3.0	3.0	1	1
OTHER DURABLE GOODS	12.5	12.5	12.9	0	4
NONDURABLE GOODS	8.7	8.7	9.0	0	3
FOOD & KINDRED PRODUCTS	1.4	1.4	1.4	0	0
TEXTILE MILL PRODUCTS	1.7	1.7	1.8	0	1
APPAREL & OTHER TEXTILE PRODUCTS	1.2	1.2	1.3	0	1
PAPER & ALLIED PRODUCTS	1.0	1.0	1.0	0	0
OTHER NONDURABLE GOODS	3.4	3.4	3.5	0	1
NONMANUFACTURING	48.1	47.0	46.8	1.1	1.3
MINING	0.1	0.1	0.1	0	0
CONSTRUCTION	3.3	3.3	2.9	0	4
TRANSPORTATION & PUBLIC UTILITIES	3.0	3.0	3.0	0	0
WHOLESALE & RETAIL TRADE	13.7	13.7	13.2	0	5
WHOLESALE TRADE	2.5	2.5	2.4	0	1
RETAIL TRADE	11.2	11.2	10.8	0	4
FINANCE, INSURANCE AND REAL ESTATE	3.6	3.7	3.3	1	2
SERVICES	13.0	12.5	12.5	5	6
GOVERNMENT	11.5	10.8	11.8	7	3
FEDERAL GOVERNMENT	0.5	0.5	0.5	0	0
STATE & LOCAL GOVERNMENT	11.0	10.3	11.3	7	3

The Lynchburg Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products, primary metal, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NORFOLK-VIRGINIA BEACH-NEWPORT NEWS METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	531.6	533.0	520.6	- 1.4	11.0
MANUFACTURING	67.7	68.2	68.8	- .5	- 1.1
DURABLE GOODS	50.0	50.3	50.4	- .3	- .4
LUMBER AND WOOD PRODUCTS	1.9	2.0	1.7	- .1	2
STONE, CLAY & GLASS PRODUCTS	2.7	2.7	2.7	0	0
FABRICATED METAL PRODUCTS	1.5	1.5	1.5	0	0
MACHINERY EXCEPT ELECTRICAL	2.1	2.1	2.2	- .1	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	1.8	2.1	2.2	- .3	- .4
TRANSPORTATION EQUIPMENT	37.4	37.3	37.5	1	- 1
OTHER DURABLE GOODS	2.6	2.7	2.6	- .1	0
NONDURABLE GOODS	17.7	17.9	18.3	- .2	- .6
FOOD & KINDRED PRODUCTS	7.6	7.7	7.5	- .1	- .1
APPAREL & OTHER TEXTILE PRODUCTS	1.1	1.1	1.3	0	- .2
PRINTING AND PUBLISHING	4.4	4.4	4.0	0	2
CHEMICALS & ALLIED PRODUCTS	1.9	1.8	1.9	1	0
OTHER NONDURABLE GOODS	2.8	2.9	3.4	- .1	- .6
NONMANUFACTURING	463.9	464.8	451.8	- .9	12.1
MINING	0.1	0.1	0.1	0	0
CONSTRUCTION	37.6	38.4	34.8	- .8	2.8
TRANSPORTATION & PUBLIC UTILITIES	24.4	24.9	25.5	- .5	- 1.1
RAILROAD TRANSPORTATION	1.9	1.9	2.0	0	- .1
WHOLESALE & RETAIL TRADE	120.4	121.1	120.9	- .7	3.4
WHOLESALE TRADE	21.2	21.8	20.9	- .7	3
RETAIL TRADE	109.2	109.7	106.1	- .5	3.1
FINANCE, INSURANCE AND REAL ESTATE	23.1	24.0	23.0	- .9	- .1
BANKING	6.1	6.1	5.9	0	2
INS. CARRIERS, AGENTS, BROKERS, & SERVICES	4.0	4.1	4.0	- .1	0
SERVICES	125.4	126.9	118.5	- 1.5	6.9
PERSONAL SERVICES	6.2	6.0	6.1	- .2	- .1
GOVERNMENT	122.9	119.5	123.0	3.4	- .1
FEDERAL GOVERNMENT	55.4	55.4	56.1	0	- .7
STATE & LOCAL GOVERNMENT	67.4	64.1	66.9	3.3	- .5

The Norfolk-Virginia Beach-Newport News Metropolitan Statistical Area covers the cities of Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg and the counties of Gloucester, James City, and York.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures, primary metal, instruments and related products, and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-8.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	661.1	656.8	627.8	4.3	33.3
MANUFACTURING	32.8	32.7	31.8	1	1.0
DURABLE GOODS	20.3	20.3	19.7	0	6
STONE, CLAY & GLASS PRODUCTS	1.7	1.6	1.4	1	3
FABRICATED METAL PRODUCTS	1.0	1.1	1.1	- .1	- .1
MACHINERY EXCEPT ELECTRICAL	1.9	1.9	1.8	0	1
ELECTRIC & ELECTRONIC EQUIPMENT	12.7	12.8	12.7	- .1	0
OTHER DURABLE GOODS	2.9	2.9	2.6	0	3
NONDURABLE GOODS	12.5	12.4	12.1	1	4
FOOD & KINDRED PRODUCTS	1.2	1.2	1.3	0	- .1
PRINTING AND PUBLISHING	9.0	8.9	8.5	1	5
OTHER NONDURABLE GOODS	2.3	2.3	2.2	0	1
NONMANUFACTURING	628.4	624.1	596.0	4.3	32.4
MINING	0.6	0.6	0.6	0	0
CONSTRUCTION	49.2	49.5	44.8	- .3	4.4
TRANSPORTATION & PUBLIC UTILITIES	45.2	45.4	43.5	- .2	1.7
TRANSPORTATION BY AIR	-13.6	13.6	12.4	0	1.2
ELECTRIC, GAS & SANITARY SERVICES	4.1	4.1	4.1	0	0
WHOLESALE & RETAIL TRADE	153.4	154.5	143.0	- 1.1	10.4
WHOLESALE TRADE	30.8	30.8	29.2	0	1.6
RETAIL TRADE	122.6	123.7	113.8	- 1.1	8.8
GENERAL MERCHANDISE STORES	14.7	15.0	13.6	- .3	1.1
FOOD STORES	15.7	15.6	14.5	1	1.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	15.6	16.0	15.0	- .4	6
APPAREL & ACCESSORY STORES	7.7	7.7	7.2	0	5
FINANCE, INSURANCE AND REAL ESTATE	41.4	41.8	37.9	- .4	3.5
BANKING	6.6	6.7	6.5	- .1	1
SERVICES	194.9	195.0	188.2	- .1	6.7
BUSINESS SERVICES	80.2	80.4	78.4	- .2	1.8
GOVERNMENT	143.7	137.2	138.1	6.5	5.6
FEDERAL GOVERNMENT	71.8	72.3	72.0	- .3	5
STATE & LOCAL GOVERNMENT	72.2	65.0	66.1	7.2	6.1

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, furniture and fixtures, primary metal, transportation equipment, instruments and related products, and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	410.9	402.6	405.8	8.2	5.1
MANUFACTURING	61.2	61.7	63.3	5	2.1
DURABLE GOODS	17.9	17.9	18.3	0	4
LUMBER AND WOOD PRODUCTS	2.1	2.1	2.1	0	0
FURNITURE AND FIXTURES	0.9	0.9	1.2	0	3
STONE, CLAY & GLASS PRODUCTS	1.5	1.5	1.5	0	0
FABRICATED METAL PRODUCTS	1.8	1.8	1.8	0	0
FABRICATED STRUCTURAL METAL PRODUCTS	1.1	1.2	1.1	0	0
MACHINERY EXCEPT ELECTRICAL	2.4	2.4	2.4	0	0
OTHER DURABLE GOODS	9.1	9.2	9.3	0	2
NONDURABLE GOODS	43.3	43.8	45.0	5	1.7
FOOD & KINDRED PRODUCTS	4.0	4.1	4.2	1	2
TOBACCO MANUFACTURES	12.6	12.6	13.7	0	1.1
APPAREL & OTHER TEXTILE PRODUCTS	1.8	2.0	1.9	2	1
PAPER & ALLIED PRODUCTS	5.1	5.1	5.1	0	0
PRINTING AND PUBLISHING	6.5	6.7	6.1	2	2
COMMERCIAL PRINTING	3.7	3.8	3.8	1	1
CHEMICALS & ALLIED PRODUCTS	10.4	10.5	10.7	1	3
OTHER NONDURABLE GOODS	2.8	2.9	2.7	1	1
NONMANUFACTURING	349.7	340.9	342.5	8.8	1.2
MINING	0.3	0.4	0.3	0	0
CONSTRUCTION	24.2	24.7	24.7	5	5
TRANSPORTATION & PUBLIC UTILITIES	21.9	21.9	21.3	0	6
WHOLESALE & RETAIL TRADE	98.1	98.2	96.2	1	1.9
WHOLESALE TRADE	25.1	24.7	24.8	4	3
RETAIL TRADE	73.1	73.6	71.3	6	1.8
GENERAL MERCHANDISE STORES	13.1	13.0	12.7	1	4
FOOD STORES	11.2	11.1	10.7	1	5
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.2	8.2	8.2	0	0
FINANCE, INSURANCE AND REAL ESTATE	34.7	34.9	33.3	2	2.4
INS. CARRIERS, AGENTS, BROKERS, & SERVICES	12.6	12.7	12.2	1	4
SERVICES	82.1	82.4	79.4	3	2.7
HEALTH SERVICES	19.6	19.9	19.4	3	2
GOVERNMENT	88.4	78.4	88.3	10	1
FEDERAL GOVERNMENT	15.9	15.8	16.5	1	6
STATE & LOCAL GOVERNMENT	72.5	62.6	71.8	9.9	1

The Richmond-Petersburg Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	SEP 1986	AUG 1986	SEP 1985	AUG 1986	SEP 1985
TOTAL NONAGRICULTURAL	115.1	115.1	113.5	0	1.6
MANUFACTURING	20.5	20.5	20.8	0	3
DURABLE GOODS	11.8	11.8	12.0	0	2
FURNITURE AND FIXTURES	1.6	1.6	1.7	0	1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.2	2.3	2.4	0	1.2
FABRICATED METAL PRODUCTS	1.6	1.7	1.4	1	2
FABRICATED STRUCTURAL METAL PRODUCTS	1.1	1.1	1.2	0	1
MACHINERY EXCEPT ELECTRICAL	1.6	1.6	1.4	0	2
OTHER DURABLE GOODS	6.1	6.2	6.0	1	1
NONDURABLE GOODS	8.7	8.6	8.7	1	0
FOOD & KINDRED PRODUCTS	1.8	1.7	1.9	0	1
TEXTILE MILL PRODUCTS	1.7	1.6	1.6	0	2
APPAREL & OTHER TEXTILE PRODUCTS	1.6	1.5	1.5	1	1
PRINTING AND PUBLISHING	1.1	1.1	1.0	0	1
OTHER NONDURABLE GOODS	2.7	2.7	2.8	0	1
NONMANUFACTURING	94.6	94.6	92.8	0	1.8
MINING	0.2	0.2	0.1	0	1
CONSTRUCTION	7.8	7.8	7.4	0	2
TRANSPORTATION & PUBLIC UTILITIES	9.5	9.7	9.5	2	2
WHOLESALE & RETAIL TRADE	30.0	29.9	28.6	1	1.4
WHOLESALE TRADE	8.5	8.5	7.9	0	6
RETAIL TRADE	21.5	21.4	20.7	1	8
FINANCE, INSURANCE AND REAL ESTATE	6.9	6.9	6.3	0	6
SERVICES	26.5	26.6	25.8	1	2
GOVERNMENT	13.9	13.5	14.4	4	5
FEDERAL GOVERNMENT	3.4	3.4	3.3	0	1
STATE & LOCAL GOVERNMENT	10.6	10.2	11.0	4	2

The Roanoke Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, stone, clay, and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985
MANUFACTURING	\$363.94	\$357.38	\$346.23	40.8	40.2	40.4	\$8.92	\$8.89	\$8.57
DURABLE GOODS	375.95	365.15	347.68	42.1	41.4	41.0	8.93	8.82	8.48
LUMBER AND WOOD PRODUCTS	260.55	267.49	242.41	39.9	40.9	38.6	6.53	6.54	6.28
FURNITURE AND FIXTURES	231.82	224.53	222.88	39.9	39.6	39.8	5.81	5.67	5.60
HOUSEHOLD AND OFFICE FURNITURE	228.28	221.03	221.13	39.7	39.4	39.7	5.75	5.61	5.57
STONE, CLAY & GLASS PRODUCTS	343.44	343.63	321.73	42.4	42.9	41.3	8.10	8.01	7.79
PRIMARY METAL INDUSTRIES	432.82	457.18	398.65	42.6	45.4	41.7	10.16	10.07	9.56
FABRICATED METAL PRODUCTS	417.05	405.65	389.62	44.7	43.2	43.1	9.33	9.39	9.04
FABRICATED STRUCTURAL METAL PRODUCTS	386.93	358.39	360.36	46.9	43.6	44.0	8.25	8.22	8.19
MACHINERY EXCEPT ELECTRICAL	376.98	374.33	354.71	41.2	40.6	39.9	9.15	9.22	8.89
CONSTRUCTION AND RELATED MACHINERY	367.74	369.36	331.10	40.5	40.5	39.7	9.08	9.12	8.34
SPECIAL INDUSTRY MACHINERY	411.26	391.22	406.19	40.8	39.2	40.7	10.08	9.98	9.98
ELECTRIC & ELECTRONIC EQUIPMENT	378.92	361.40	346.18	40.7	40.2	39.7	9.31	8.99	8.72
COMMUNICATION EQUIPMENT	397.31	357.06	349.27	41.3	40.3	39.6	9.62	8.86	8.82
INSTRUMENTS & RELATED PRODUCTS	243.04	245.21	241.59	38.7	37.9	40.4	6.28	6.47	5.98
MISC. MANUFACTURING INDUSTRIES	293.72	293.66	276.58	39.8	39.9	40.2	7.38	7.36	6.88
NONDURABLE GOODS	353.23	349.95	343.87	39.6	39.1	39.8	8.92	8.95	8.64
FOOD & KINDRED PRODUCTS	322.36	323.44	310.47	39.7	39.3	39.4	8.12	8.23	7.88
TEXTILE MILL PRODUCTS	280.60	274.71	272.16	39.3	39.3	39.5	7.14	6.99	6.89
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	316.05	306.37	284.42	43.0	42.2	40.4	7.35	7.26	7.04
KNITTING MILLS	253.11	244.26	255.39	35.7	35.4	36.8	7.09	6.90	6.94
MISC. TEXTILE GOODS'	311.18	306.01	304.62	43.4	43.1	44.6	7.17	7.10	6.83
APPAREL & OTHER TEXTILE PRODUCTS	201.45	192.60	196.57	37.1	35.6	36.2	5.43	5.41	5.43
MENS & BOYS SUITS, COATS AND FURNISHINGS	216.66	193.91	205.10	37.1	34.2	36.3	5.84	5.67	5.65
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	182.16	179.86	180.29	36.8	35.9	35.7	4.95	5.01	5.05
PAPER & ALLIED PRODUCTS	479.33	472.18	467.10	43.3	42.5	43.9	11.07	11.11	10.64
PULP, PAPER & PAPERBOARD	600.32	591.36	573.65	44.8	44.0	44.4	13.40	13.44	12.92
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	372.96	369.64	379.32	42.0	41.3	43.6	8.88	8.95	8.70
PRINTING AND PUBLISHING	416.64	415.09	403.17	40.1	40.3	39.8	10.39	10.30	10.13
NEWSPAPER AND PERIODICALS	344.51	332.05	302.24	35.7	35.1	34.7	9.65	9.46	8.71
CHEMICALS & ALLIED PRODUCTS	460.85	468.07	447.53	39.9	39.6	40.5	11.55	11.82	11.05
PLASTICS MATERIALS AND SYNTHETICS	466.05	477.41	468.05	39.0	39.1	40.7	11.95	12.21	11.50
LEATHER & LEATHER PRODUCTS	157.78	151.59	181.93	34.6	32.6	40.7	4.56	4.65	4.47

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	NORTHERN VIRGINIA AREA								
	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP 1986	AUG 1986	SEP 1985	SEP 1986	AUG 1986	SEP 1985	SEP 1986	AUG 1986	SEP 1985
MANUFACTURING	\$407 12	\$400 16	\$367 28	42 9	42 3	40 9	\$9 49	\$9 46	\$8 98
DURABLE GOODS	393 76	390 92	347 78	42 8	43 1	41 8	9 20	9 07	8 32
STONE, CLAY & GLASS PRODUCTS	420 34	453 56	331 10	43 2	46 0	41 7	9 73	9 86	7 94
FABRICATED METAL PRODUCTS	404 80	380 80	402 75	44 0	41 8	44 8	9 20	9 11	8 99
ELECTRIC & ELECTRONIC EQUIPMENT	379 48	365 45	317 95	42 4	42 2	40 4	8 95	8 66	7 87
NONDURABLE GOODS	425 83	411 82	393 03	43 1	41 1	39 7	9 88	10 02	9 90
FOOD & KINDRED PRODUCTS	330 85	321 58	325 62	42 2	39 8	40 5	7 84	8 08	8 04

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,100 production workers

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Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP 1986	AUG 1986	SEP 1985	SEP 1986	AUG 1986	SEP 1985	SEP 1986	AUG 1986	SEP 1985
	SEP 1986	AUG 1986	SEP 1985	SEP 1986	AUG 1986	SEP 1985	SEP 1986	AUG 1986	SEP 1985
MANUFACTURING	\$466 02	\$460 16	\$436 59	40 7	40 4	40 5	\$11 45	\$11 39	\$10 78
DURABLE GOODS	380 58	361 88	340 73	42 1	41 5	41 3	9 04	8 72	8 25
LUMBER AND WOOD PRODUCTS	249 07	252 70	243 98	41 1	41 7	40 8	6 06	6 06	5 98
FURNITURE AND FIXTURES	267 49	267 49	212 86	41 6	41 6	40 7	6 43	6 43	5 23
FABRICATED METAL PRODUCTS	328 32	317 46	369 93	39 7	39 0	41 8	8 27	8 14	8 85
FABRICATED STRUCTURAL METAL PRODUCTS	352 38	328 40	396 44	42 1	40 0	44 0	8 37	8 21	9 01
NONDURABLE GOODS	501 29	499 15	471 58	40 2	39 9	40 1	12 47	12 51	11 76
FOOD & KINDRED PRODUCTS	384 93	357 78	313 50	42 3	40 2	38 8	9 10	8 90	8 08
APPAREL & OTHER TEXTILE PRODUCTS	208 15	178 39	208 81	36 2	32 2	34 4	5 75	5 54	6 07
PAPER & ALLIED PRODUCTS	468 66	479 09	477 76	42 8	43 2	45 2	10 95	11 09	10 57
PRINTING AND PUBLISHING	442 26	437 81	439 77	40 5	40 5	41 1	10 92	10 81	10 70
CHEMICALS & ALLIED PRODUCTS	550 62	566 19	544 65	39 9	40 5	41 8	13 80	13 98	13 03

Data for the Lynchburg Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst and Campbell) cover approximately 17,000 production workers

See footnote Table C-1

*1985 data not comparable to prior years

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985
MANUFACTURING	\$299.03	\$296.51	\$292.59	40.3	39.8	38.6	\$7.42	\$7.45	\$7.58
DURABLE GOODS	361.25	361.88	352.00	42.5	41.5	40.0	8.50	8.72	8.80
FABRICATED METAL PRODUCTS	433.05	436.36	432.31	40.7	41.4	43.8	10.64	10.54	9.87
MACHINERY & TRANSPORTATION EQUIPMENT	327.87	324.24	309.64	43.6	41.2	36.6	7.52	7.87	8.46
NONDURABLE GOODS	230.58	227.02	221.17	37.8	37.9	36.8	6.10	5.99	6.01
FOOD & KINDRED PRODUCTS	268.05	257.74	239.59	37.7	37.3	35.6	7.11	6.91	6.73
APPAREL & OTHER TEXTILE PRODUCTS	199.80	201.21	196.57	37.0	37.4	36.2	5.40	5.38	5.43

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford) cover approximately 14,500 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND-PETERSBURG METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985
MANUFACTURING	\$341.42	\$348.55	\$330.77	40.5	41.2	39.9	\$8.43	\$8.46	\$8.29
DURABLE GOODS	346.32	359.90	345.06	40.6	41.8	40.5	8.53	8.61	8.52
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	215.84	202.02	212.78	38.0	36.4	38.9	5.68	5.55	5.47
NONDURABLE GOODS	334.92	330.04	312.03	40.4	40.2	39.2	8.29	8.21	7.96
FOOD & KINDRED PRODUCTS	341.96	329.64	346.80	41.4	41.0	40.0	8.26	8.04	8.67
TEXTILE MILL PRODUCTS	306.94	305.93	279.30	41.2	40.9	39.9	7.45	7.48	7.00
APPAREL & OTHER TEXTILE PRODUCTS	172.72	171.62	120.60	34.0	34.6	27.1	5.08	4.96	4.45
PAPER & ALLIED PRODUCTS	493.15	454.80	485.68	46.7	43.9	46.7	10.56	10.36	10.40

Data for the Richmond-Petersburg Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, Petersburg, and Richmond and the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George) cover approximately 42,400 production workers.

See footnote Table C-1.

*1985 data not comparable to prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	ROANOKE METROPOLITAN STATISTICAL AREA								
	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985	SEP. 1986	AUG. 1986	SEP. 1985
MANUFACTURING	\$338.64	\$330.04	\$310.91	40.8	40.2	41.4	\$8.30	\$8.21	\$7.51
DURABLE GOODS	351.33	348.43	314.16	40.9	40.8	41.5	8.59	8.54	7.57
FABRICATED METAL PRODUCTS	317.41	328.10	315.06	41.6	42.5	43.1	7.63	7.72	7.31
FABRICATED STRUCTURAL METAL PRODUCTS	317.09	339.15	323.01	43.2	45.1	44.8	7.34	7.52	7.21
NONDURABLE GOODS	322.73	304.58	307.27	40.8	39.3	41.3	7.91	7.75	7.44
FOOD & KINDRED PRODUCTS	337.83	340.66	381.00	40.9	40.7	44.2	8.26	8.37	8.62
TEXTILE MILL PRODUCTS	241.43	271.15	269.66	37.2	39.7	42.4	6.49	6.83	6.36

Data for the Roanoke Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt and Roanoke) cover approximately 14,600 production workers.

See footnote Table C-1.

Table C-7.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS U.S. CITY AVERAGE

ALL ITEMS—(1967 = 100)

Year	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.	Ann. Avg. Change
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.7	200.9	202.9	195.4	7.78
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7	313.0	314.5	315.3	315.3	315.5	311.1	4.3
1985	316.1	317.4	318.8	320.1	321.3	322.3	322.8	323.5	324.5	325.5	326.6	327.4	322.2	3.6
1986	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2					

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 43.5 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 0.8 percent adjustment in benchmark levels for the first quarter 1985 benchmark.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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